you can
Canon

Canon (UK) Ltd
Woodhatch
Reigate,
Surrey RH2 8BF
T: 08705 143 723
www.canon.co.uk

Canon Inc
www.canon.com

Canon Europa NV
www.canon-europe.com

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PowerShot S1 IS

Stills and movies
that get you closer...

A QUIET, FAST ZOOM

When bird watching, on a zoo trip or at a local football match, the PowerShot S1 IS's 10x zoom will get the stills and movies you really want. The lens's ultrasonic motor allows quiet and super-fast zooming*. Near-silent operation means you won't scare any wildlife away, while fast zooming is ideal for quickly composing a shot (when to linger too long could mean you lose the moment altogether).

* Level of speed and noise depends on whether you're in movie or still mode.

Advanced lens technology.

Only sixty years of Canon's optical heritage could create the PowerShot S1 IS's amazing 10x optical (32x combined) zoom lens. Using specialist lens expertise and countless patents on zoom lenses, Canon has developed an amazing compact and retractable lens equipped with a shift-type Optical Image Stabilizer and Ultrasonic Motor.

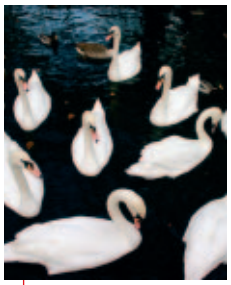
The Micro Ultrasonic Motor provides ultra-fast, virtually silent zooming.*

ULTRASONIC MOTOR (USM)

ULTRASONIC

For super-fast, near-silent zooming* action inside the PowerShot S1 IS's lens, Canon has used its renowned Ultrasonic Motor technology. It's ideal for zooming in when making movies, as the almost-silent motor won't be heard on the audio. It's also perfect for quick compositions, since its zoom speed means you get your desired shot before the moment passes.

* Level of speed and noise depends on whether you're in movie or still mode.

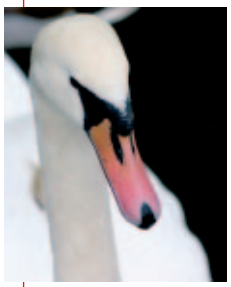


38mm equivalent

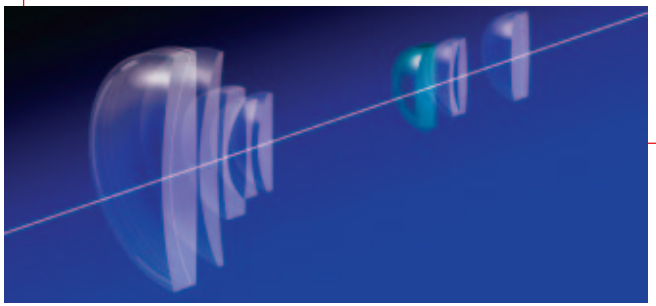
10X OPTICAL ZOOM

10x ZOOM Optical

The PowerShot S1 IS with its 10x optical zoom (38-380mm in 35mm format) and maximum aperture of f/2.8 to f/3.1, allows you to shoot a variety of scenes. From landscapes to nature photographs to sports events and more.



380mm equivalent

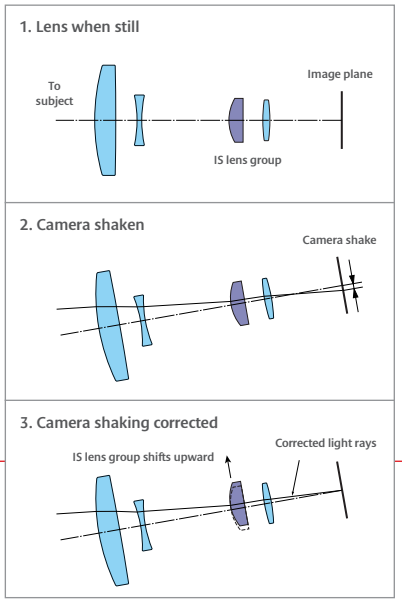


The 10x optical zoom lens consists of 11 elements in 9 groups (including one aspherical lens).

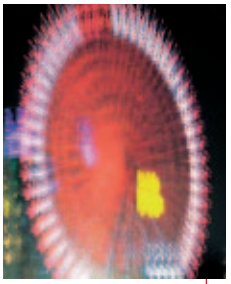
OPTICAL IMAGE STABILIZER (IS)

OPTICAL IMAGE STABILIZER

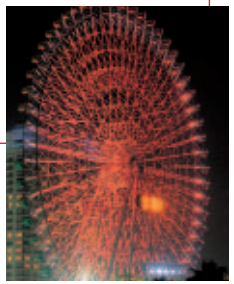
The PowerShot S1 IS has an Optical Image Stabilizer (IS) where gyros within the lens detect any camera shake which can cause a blurred image. Perfect for when a tripod is not available, the IS lens group moves up, down, left or right to slow down the amount of shake. The result is a clearer and sharper image even at slow shutter speeds and in low light conditions.



How the Optical Image Stabilizer works.



Without IS



With IS

Super movie mode.

FULL-MOTION MOVIE RECORDING

Movie
30fps / VGA

The PowerShot S1 IS uses a specially enhanced movie mode with a superior true VGA resolution and a frame rate of up to 30 frames/second for super smooth action. Just press the dedicated Movie button! To achieve the optimum picture quality, the camera automatically adjusts the exposure, focusing and auto white balance as you film.

Use the optical zoom to manually change your composition at the same time. A high sound sampling rate is also used to achieve increased sound clarity. The overall result is an impressively improved image quality and sound in your movies when seen on a TV screen.

LONGER LENGTH AND HIGH-SPEED EDITING

Depending on the size and speed of the memory card, movies of up to approximately 1GB can be continuously recorded. And because movie clips, even short ones, can use a lot of storage space, the PowerShot S1 IS has its own editing feature which allows you to quickly delete unnecessary clips from the beginning or end of a clip, freeing up space for more movie masterpieces.

High performance digital technology.

3.2 MEGAPIXEL SENSOR

With its 3.2 megapixel CCD, the PowerShot S1 IS can easily capture the smallest details and clearly reproduce them when printing up to A4 size.

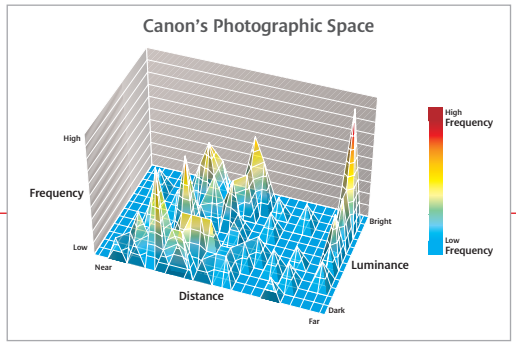
VISIONARY TECHNOLOGY

DIGIC PROCESSOR

Canon's exclusive high performance DIGIC processor works at incredibly high speeds to improve the PowerShot S1 IS's overall performance. The result is a faster camera response, superb image quality, more accurate Auto Focus, approximately 1.7 frames per second continuous shooting speed and an extended battery life.

PHOTOGRAPHIC SPACE ANALYSIS

iSAPS is a massive in-camera database of images and settings specially devised by Canon, which the PowerShot S1 IS cross-references to optimise image quality and focusing performance.



FLEXIZONE AE/AF

For greater creative control, FlexiZone AE/AF allows you to move the AE/AF metering frame freely within the viewfinder. Focusing and exposure is then automatically adjusted for the chosen area, so your subject is correctly focused on and has optimum exposure.

Increased creative control.

Program modes.

For quick shots, let the camera do the work for you.

AUTO

The camera selects all the settings for you based on the shooting conditions, so you only need to point and shoot.

PORTRAIT

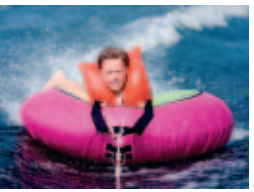
By choosing a larger aperture, the camera ensures the subject is in perfect focus and any distracting background is blurred.

LANDSCAPE

To ensure both foreground and background are clearly in focus, the camera has a smaller aperture for an increased depth-of-field.

NIGHT SCENE

Flash and available light are balanced by using a slow shutter speed to capture all the backdrop details while the subject is exposed using a fill-in flash.



FAST SHUTTER

By using a fast shutter speed the camera lets you freeze fast-moving subjects.

SLOW SHUTTER

Lets you shoot moving objects to create a dramatic blur effect and the appearance of motion.

STITCH ASSIST

This lets you shoot a sequence of images and merge (stitch) them using the supplied PhotoStitch software. Images can be easily aligned (horizontally, vertically or tiled) to create a larger image, long panorama or even poster-sized print.

MOVIE

Shoot movie clips with flicker free VGA resolution and superb sound. The duration of your movie depends on the size and speed of the memory card used as well as the image recording quality and subject chosen.

Creative modes.

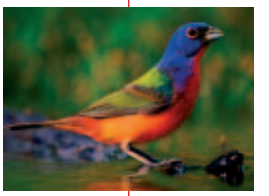
For more adventurous images, try these options.

C CUSTOM

Allows you to select your own preferred combination of settings and save them for quick access.

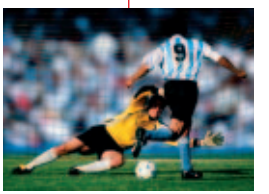
M MANUAL

When you want complete control, this allows you to set the aperture, shutter speed and appropriate focus.



Av APERTURE PRIORITY

You choose the aperture to control the depth-of-field, while the camera automatically sets the appropriate shutter speed.



Tv SHUTTER SPEED PRIORITY

You set the shutter speed while the camera chooses the most appropriate aperture for the available light.

P PROGRAM

The camera automatically sets both the shutter speed and aperture. You control all the other parameters such as white balance and flash.

Incredible results.

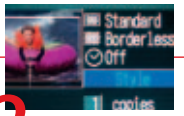
Sharing your images is easier and better than ever with the variety of photo printing and software options available with the PowerShot S1 IS.

DIRECT PRINTING

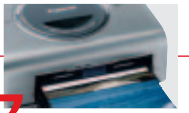
Get your prints easily and quickly by connecting the PowerShot S1 IS directly to any PictBridge compatible printer, Compact Photo Printer or Bubble Jet Direct compatible printer. Each one gives superb images straight away without the need for a PC.

PictBridge

1 CONNECT
your camera directly to the printer.

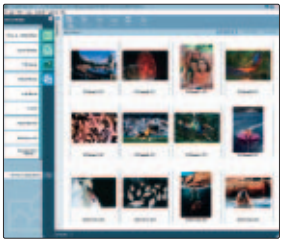


2 SELECT
the image you want – crop or trim for maximum effect.

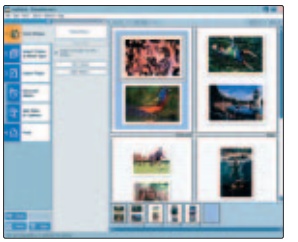


3 PRINT
your pictures in a variety of sizes.

For hassle-free photo quality and durable prints, connect directly to your Compact Photo Printer.



ZoomBrowser EX

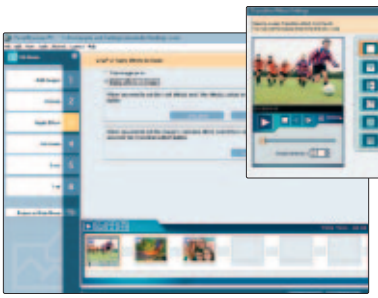


PhotoRecord

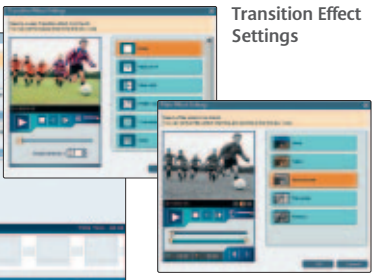
SOPHISTICATED SOFTWARE

For managing your images, try Canon's ZoomBrowser EX (for Windows) and ImageBrowser (for Macintosh). Each one lets you transfer, browse, organise and email your images. Use PhotoRecord (Windows only) to easily create and print personal albums from a variety of layout templates.

For managing your movies, use the software supplied to edit and join your clips together just like a film director.



Edit Movie Tab



Transition Effect Settings

Filter Effect Settings

CANON iMAGE GATEWAY*

Allows you access to 100MB of free internet space for storing your images, creating albums and sharing photographs with friends and family via email.

CANON iMAGE GATEWAY

* Not available in all regions.

Essential accessories.

With the PowerShot S1 IS's excellent range of optional accessories, you can expand your still image and movie portfolio potential, as you increase your skill with the camera.

SUPPLIED WITH CAMERA

A/V Cable
- TV connection

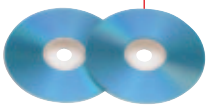
USB Interface Cable
- Computer connection

Neck Strap

Lens Cap

Type AA Alkaline Batteries

32MB CompactFlash Card
Stores up to approx. 33 images (Large/Fine mode)



Software
- Canon's Solution Disk
- ArcSoft Photo and Video Editing

OPTIONAL LENS ACCESSORIES

TC-DC52B
1.6x Tele Converter

WC-DC52A
0.7x Wide Converter

LAH-DC10
Lens Adaptor/ Hood Set

Approx. 608mm equivalent with tele converter

380mm equivalent

38mm equivalent

Approx. 26.6mm equivalent with wide converter

OPTIONAL ACCESSORIES

WP-DC20
Waterproof Case

SC-DC40
Soft Case

FC-512MSH
Fast CF-card

2GB Hitachi Microdrive

CBK4-200 NiMH Battery/ Charger Kit (includes a battery charger and 4 NiMH NB4-200 batteries)

CA-PS700
AC Adaptor Kit

WL-DC100
Wireless controller

Canon Photo Printers
- Compact Photo Printers
- Bubble Jet Direct Printers
- Bubble Jet Printers

Compliant with all PictBridge compatible printers

Specifications **PowerShot S1 IS**

IMAGE SENSOR	
Type	1/2.7" CCD
Effective Pixels	Approx. 3.2M
Total Pixels	Approx. 3.3M
Aspect Ratio	4:3
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC with iSAPS technology
LENS	
Focal Length	5.8 - 58.0 (35mm film equivalent: 38 – 380mm)
Zoom	Optical 10x, digital approx. 3.2x, combined approx. 32x
Maximum f/number	f/2.8 - f/3.1
Construction	11 elements in 9 groups (1 aspherical element)
Image Stabilisation	YES (shift-type)
Ultrasonic Motor (USM)	YES, zoom
FOCUSING	
Type	TTL autofocus
AF System/Points	1 point AF (any position is available)
AF working Range	10cm - infinity (W), 93cm - infinity (T)
AF Point Selection	YES
Selected AF Point Display	YES
AF Lock	YES
AF Assist Beam	NO
Focus Bracketing	YES
Closest Focusing Distance	10cm (W) 93cm (T)
EXPOSURE CONTROL	
Metering Modes	Evaluative, Centre-weighted average, Spot (centre or linked to focusing frame)
AE Lock	YES
Exposure Compensation	+/- 2 EV in 1/3 stop increments
AEB	1/3 - 2 EV in 1/3 stop increments
ISO Speed Equivalent	AUTO, 50, 100, 200, 400
SHUTTER	
Type	Mechanical shutter & electronic shutter
Speed	15 – 1/2,000 sec.[1] (Shutter speeds of 1.3 -15 seconds are manually selected with the shutter priority mode & in Manual mode. Shutter speeds of 1.3 sec. and more operate with noise reduction.)
WHITE BALANCE	
Type	TTL
Settings	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom
COLOUR MATRIX	
Type	sRGB
VIEWFINDER	
Viewfinder	EVF (0.33" type), approx. 114,000 pixels
Coverage (Vertical/Horizontal)	100%
Eyepoint	10mm
Dioptre Correction	-5.5 - 1.5 in 1/m (dpt)
Viewfinder Information	YES
LCD MONITOR	
Monitor	Vari-angle 1.5" P-Si TFT, approx. 114,000 pixels
Coverage	100%
Brightness	2 levels
FLASH	
Modes	Auto, Manual Flash On/Off
Slow Sync Speed	YES
Red-eye Reduction	YES
Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments
Flash Exposure Lock	YES
Manual Power Adjustment	3 levels with internal flash
Second Curtain Synchronisation	YES
Built-in Flash Range	1.0-4.2m (W)/1.0 - 3.8m (T) (at ISO 100 equivalent)
SHOOTING	
Modes	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Portrait, Landscape, Night Scene, Fast Shutter, Slow Shutter, Stitch Assist, Movie
Photo Effects	Vivid, Neutral, Low Sharpening, Sepia, Black & White, Custom effect
Drive modes	Single, Continuous
Continuous Shooting	Approx. 1.7 images/sec. Speed maintained up to 24 images (Large/Fine mode. Depending upon CF card speed and capacity)
Intervalometer	Up to 100 shots in 1 – 60 minute increments

... to where the action is.

The PowerShot S1 IS takes you nearer to your subject – when you can't get close yourself. Use its impressive 10x optical zoom to take sharp and detailed photos from far away. Try the enhanced movie mode and shoot full motion movie clips with superb sound.

TWO IN ONE

With such a winning combination, the PowerShot S1 IS means you can get two outstanding products in one. The enhanced movie mode with flicker-free VGA resolution and clear sound has the advantages of a camcorder yet the benefits of an incredible stills camera. Ideal for occasions like wedding videos or close-up pictures of your child's winning goal.

SHAKE-FREE IMAGES

If you're a sports enthusiast watching your favourite game, photojournalist for the local press or on a once-in-a-lifetime safari, the PowerShot S1 IS can get you a sharp image at precisely the moment you need it. The 10x zoom has an Optical Image Stabilizer to significantly reduce camera shake at full zoom or in low light conditions such as an evening concert. Perfect for when you can't take a tripod with you.

Compact and easy-to-use the PowerShot S1 IS has a vari-angle LCD for shooting tricky angles.

RECORDING PIXELS/ COMPRESSION	
Image Size	(L)2048 x 1536, (M1)1600 x 1200, (M2)1024 x 768, (S)640 x 480
Compression	Superfine, Fine, Normal
Movies	640 x 480 Fine, 640 x 480, 320 x 240 30fps or 15fps available
Movie Length	1GB or 60min. (dependant on CF card speed and capacity)
FILE FORMAT	
Still Image Format	JPEG (Exif 2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG + WAVE (monaural)]
Sound Files	WAVE (monaural)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and Bubble Jet Printers with the direct print function
PictBridge	YES
OTHER FEATURES	
My Camera	Start-up image and camera sounds customisation
Sound Memo	Up to 60 sec.
Intelligent Orientation Sensor	YES
Histogram	YES
Playback Zoom	2x – 10x
Display Formats	Single/Index (9 thumbnail images)/Slide Show/Magnified/Movie
Image Erase Protection	YES
Image Erase	Single, All
Self Timer	Approx. 2 or 10 sec.
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Japanese
INTERFACE	
Computer	USB (compliant with Picture Transfer Protocol [PTP])
Other	A/V output (PAL/NTSC)
MEMORY CARD	
Type	CompactFlash Type I & Type II
SUPPORTED OPERATING SYSTEM	
PC	Windows 98 (including SE)/2000/Me/XP
Macintosh	OS 9.0 – 9.2, OS X v10.1/v10.2
SOFTWARE	
Browsing & Printing	ZoomBrowser EX (PhotoRecord)/ImageBrowser
Other	PhotoStitch
Drivers	TWAIN (Windows 98/2000), WIA (Windows Me)
Image Manipulation	ArcSoft PhotoStudio, ArcSoft VideoImpression
POWER SOURCE	
Batteries	4x AA-size Alkaline Batteries included
Battery life	Alkaline Batteries: Approx. 120 shots (LCD monitor on), Approx. 125 shots (Viewfinder on) Approx. 330 min. (Playback) NiMH Batteries (NB-2AH): Approx. 550 shots (LCD monitor on), Approx. 570 shots (Viewfinder on) Approx. 450min. (Playback)
Power saving	YES
A/C Power Supply	Compact power adapter CA-PS700 (optional)
ACCESSORIES	
Case	SC-DC40 Soft Case
Waterproof Case	(40m) WP-DC20
Lenses	Tele Converter 1.6x TC-DC52B Wide Converter 0.7x WC-DC52A Lens Adaptor/Hood set LAH-DC10
Remote Controller/Switch	Wireless Controller WL-DC100
Power Supply & Battery Chargers	Compact AC power adaptor CA-PS700 Battery Charger Kit CBK-100, CBK4-200
PHYSICAL SPECIFICATIONS	
Operating Environment	0 – 40°C, 10 – 90% humidity
Dimensions (WxHxD)	111.0 x 78.0 x 66.1mm (excluding viewfinder-eyepiece & protrusions)
Weight (body only)	Approx. 370g

1 Certain combinations of shutter speed and aperture may not be available

Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice. ™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

3.2 MEGA PIXELS

10x ZOOM Optical

OPTICAL IMAGE STABILIZER

ULTRASONIC

Movie 30fps / VGA

DiG!C

PictBridge

DIRECT PRINT

BUBBLE JET DIRECT

FlexiZone AF/AE CONTROL

CANON iMAGE GATEWAY

Exif Print

DPOF

Designed for Microsoft® Windows® XP